

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )

**Bagrodia et al.** )

Serial No.: Unassigned )

Filed: Concurrently )

For: "A POLYMER NANOCOMPOSITE )  
COMPRISING A MATRIX POLYMER )  
AND A LAYERED CLAY MATERIAL )  
HAVING A LOW QUARTZ CONTENT" )

Group Art Unit: Unassigned

Examiner: Unassigned

AUTHORIZATION TO TREAT REPLY REQUIRING EXTENSION OF TIME  
AS INCORPORATING PETITION FOR EXTENSION OF TIMEBOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231NEEDLE & ROSENBERG, P.C.  
Suite 1200, The Candler Building  
127 Peachtree Street, N.E.  
Atlanta, Georgia 30303-1811

May 30, 2000

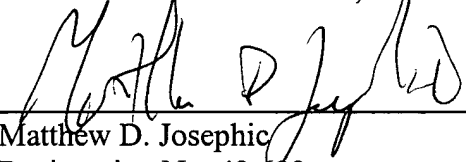
Sir:

Pursuant to 37 C.F.R. §1.136(a)(3), the Commissioner is hereby requested and authorized to treat any concurrent or future reply in the above-identified application, requiring a petition for an extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time.

The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

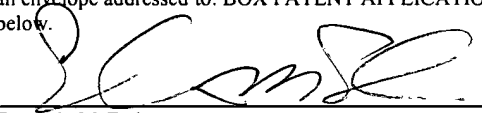
NEEDLE & ROSENBERG, P.C.

  
Matthew D. Josephic  
Registration No. 43,699

NEEDLE & ROSENBERG, P.C.  
Suite 1200, The Candler Building  
127 Peachtree Street, N.E.  
Atlanta, Georgia 30303-1811  
(404) 688-0770

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, No EL403202847US in an envelope addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below.

  
Everardo McFarlane

5-30-2000  
Date



05-31-00

A

ATTORNEY DOCKET NO. 05015.030

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

NEEDLE & ROSENBERG, P.C.  
Suite 1200, The Candler Building  
127 Peachtree Street, N.E.  
Atlanta, Georgia 30303-1811



May 30, 2000

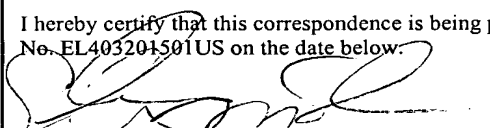
Dear Sir:

Transmitted herewith for filing are the specification and claims of the utility patent application of:

Inventor(s): Shriram Bagrodia, Louis T. Germinario, John W. Gilmer, Tie Lan and Vasiliki Pshigios

Title of Invention: "A Polymer Nanocomposite Comprising a Matrix Polymer and a Layered Clay Material Having a Low Quartz Content"

Also enclosed are:

7	SHEETS OF	<input checked="" type="checkbox"/> FORMAL DRAWINGS	<input type="checkbox"/> INFORMAL DRAWINGS
	OATH OR DECLARATION OF APPLICANT(S)		
	A POWER OF ATTORNEY		
	A PRELIMINARY AMENDMENT		
	A VERIFIED STATEMENT TO ESTABLISH SMALL ENTITY STATUS UNDER 37 C.F.R. §1.9 AND §1.27		
X	A CHECK IN THE AMOUNT OF \$948.00 TO COVER THE FILING FEE. (Check #42680)		
X	THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY ADDITIONAL FEES WHICH MAY BE REQUIRED IN CONNECTION WITH THE FOLLOWING OR CREDIT ANY OVERPAYMENT TO ACCOUNT NO. 14-0629		
	A CERTIFIED COPY OF PREVIOUSLY FILED FOREIGN APPLICATION NO. FILED IN ON .		
X	<p>I hereby certify that this correspondence is being placed in the United States Mail as Express Mail No. EL403201501US on the date below.</p> <p> Everardo McFarlane</p> <p style="text-align: right;">5-30-2000 Date</p>		

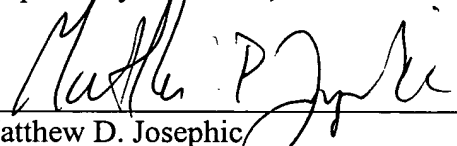
	A computer readable form of the sequence listing in compliance with 37 C.F.R. § 1.821(e). The content of the computer readable form of the sequence listing and the sequence listing in the specification of the application as filed are the same.
X	<p>OTHER (IDENTIFY)</p> <p>X 1 page cover page</p> <p>X 1 page abstract</p> <p>X 48 pages Specification</p> <p>X 4 pages Claims</p> <p>X 7 pages Figures</p> <p>X Authorization to Treat Reply Requiring Extension of Time as Incorporating Petition for Extension of Time (2 pages)</p> <p>X Stamped Postcard</p> <p>X Print EFS Data Entry (2 pages)</p> <p>X Certificate of Express Mailing dated May 30, 2000 (EL403201501US)</p>

The filing fee is calculated as follows:

**CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT**

TOTAL CLAIMS = 30 - 20 = 10 x \$18.00 =	\$ 180.00
INDEPENDENT CLAIMS = 4 - 3 = 1 x \$78.00 =	\$ 78.00
BASIC FEE =	\$ 690.00
TOTAL OF ABOVE CALCULATIONS =	\$ 948.00
REDUCTION BY 1/2 FOR SMALL ENTITY =	
TOTAL FILING FEE =	\$ 948.00

Respectfully submitted,

  
Matthew D. Josephic  
Registration No. 43,699

NEEDLE & ROSENBERG, P.C.  
Suite 1200, The Candler Building  
127 Peachtree Street, N.E.  
Atlanta, Georgia 30303-1811  
(404) 688-0770